CRAFTSMAN®

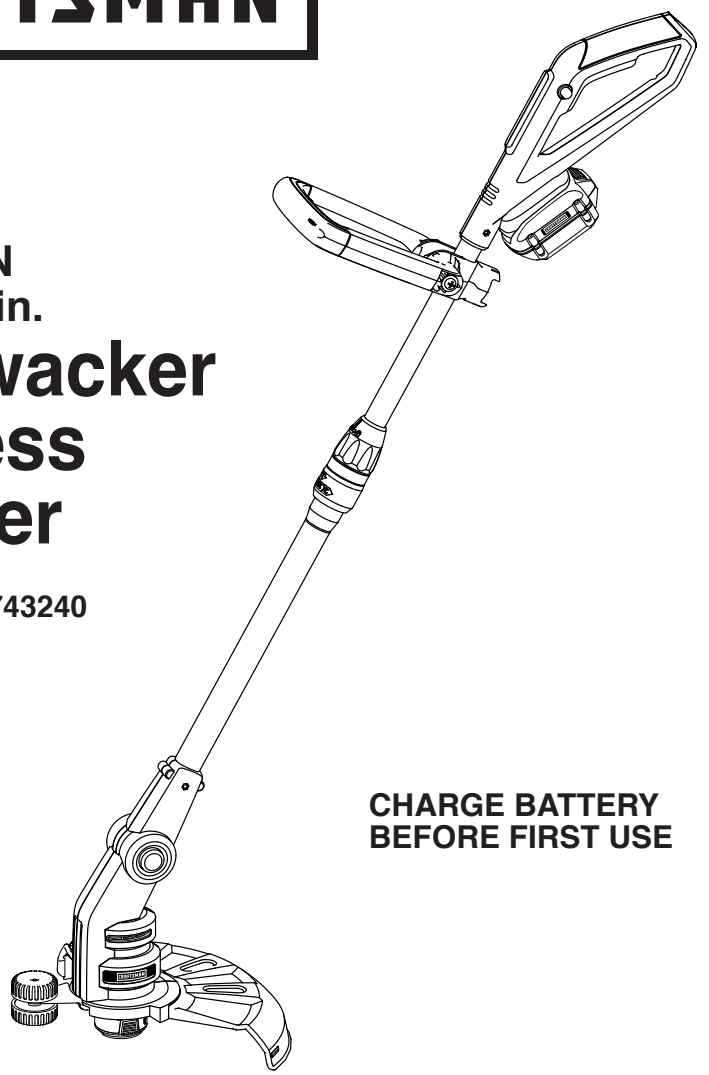
Operator's Manual

CRAFTSMAN®

Lithium-ION
24 -Volt 13-in.

Weedwacker Cordless Trimmer

Model No. 172.743240



CHARGE BATTERY BEFORE FIRST USE

CAUTION: Read, understand and follow all Safety Rules and Operating Instructions in this Manual before using this product.

Sears Brands Management Corporation, Hoffman Estates, IL 60179

See the full line of Craftsman® products at craftsman.com

- **WARRANTY**
- **SAFETY**
- **UNPACKING**
- **DESCRIPTION**
- **ASSEMBLY**
- **OPERATION**
- **MAINTENANCE**
- **ESPAÑOL**

TABLE OF CONTENTS

Warranty……..Page 2
Safety Symbols……..Page 3
Safety Instructions……..Pages 4 - 10
Unpacking……..Page 11
Description……..Pages 12 - 14
Assembly and Adjustments……..Pages 14 - 20
Operation……..Pages 20 - 25
Maintenance……..Page 26
Accessories……..Pages 26 - 27
Parts List……..Pages 28 - 29

CRAFTSMAN® THREE YEAR FULL WARRANTY
FOR THREE YEARS from the date of purchase this power tool is warranted against any defects in material or workmanship. A supplied battery pack or charger is warranted against such defects for one year from the purchase date. A defective product will be replaced free of charge.

For warranty coverage details to obtain free replacement, visit the web site: www.craftsman.com

This warranty does not cover the cutting-line which is an expendable part that can wear out from normal use within the warranty period. This warranty is void if this product is ever used while providing commercial services or if rented to another person. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears Brands Management Corporation,
Hoffman Estates, IL 60179

⚠ **WARNING: Some dust created by using power tools contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**

SAVE THESE INSTRUCTIONS!
READ ALL INSTRUCTIONS!

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

⚠ **WARNING:** Be sure to read and understand all safety instructions in this manual, including all safety alert symbols such as **"DANGER," "WARNING,"** and **"CAUTION"** before using this cordless trimmer. Failure to follow all instructions listed in this manual may result in electric shock, fire and/or serious personal injury.

SYMBOL SIGNAL MEANING

⚠ **SAFETY ALERT SYMBOL:** Indicates **DANGER, WARNING, OR CAUTION.** May be used in conjunction with other symbols or pictographs.

⚠ **DANGER:** Indicates a hazardous situation which, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.

⚠ **WARNING:** Indicates a hazardous situation which, if not avoided, could result in death or serious injury. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.

⚠ **CAUTION:** Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

Damage Prevention and Information Messages

These inform the user of important information and/or instructions that could lead to equipment or other property damage if they are not followed. Each message is preceded by the word "NOTE," as in the example below:

NOTE: Equipment and/or property damage may result if these instructions are not followed.

⚠ **WARNING:** To ensure safety and reliability, all repairs should be performed by a qualified service technician.

⚠ **WARNING:** The operation of any power tools can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shield and a full face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1 shields.

SAFETY INSTRUCTIONS

⚠ WARNING: if correctly used, this cordless trimmer is an easy to handle and efficient tool; if used improperly or without the due precautions it could become a dangerous tool. For pleasant and safe work, ALWAYS strictly comply with the safety rules that are contained in this manual.

⚠ WARNING: BE SURE to read and understand all instructions in this manual before using this cordless trimmer. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

⚠ WARNING: To avoid mistakes that could cause serious injury, DO NOT install battery pack into this trimmer until the following instructions have been read and understood.

WORK AREA SAFETY

1. **ALWAYS avoid dangerous conditions. DO NOT use in wet or damp areas or expose to rain.**
2. **DO NOT operate in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite dust or fumes.
3. **ALWAYS keep bystanders and visitors at a safe distance while operating a trimmer. NEVER allow children near the tool.** Flying objects can injure anyone in the area.
4. **CHILDPROOF your tools** with padlocks and master switches. Lock tools away when not in use. This trimmer is not a toy.
5. **DO NOT** use trimmer at night. **ALWAYS** make sure you have adequate lighting.
6. **BEFORE** using the trimmer, remove any stones, sticks, debris or objects that could be entangled in or thrown by the trimmer.

PERSONAL SAFETY

⚠ WARNING:The operation of any trimmer can result in FOREIGN OBJECTS BEING THROWN, which can result in personal injury or property damage. ALWAYS use proper safety equipment.

1. **KNOW your tool.** Read the operator's manual carefully. Learn the cordless trimmer's applications and limitations, as well as the specific potential hazards related to this tool.
2. **STAY ALERT**, watch what you are doing and use common sense when operating this tool.
3. **DO NOT use tool while tired** or under the influence of drugs, alcohol or medication. A moment of inattention while operating this tool may result in serious personal injury.
4. **DRESS properly**. Wear rubber gloves and substantial rubber soled footwear when working outdoors. **DO NOT** operate lawn and garden tools when barefoot or wearing open sandals. Wear long pants and long sleeves to protect your legs and arms. Trimmers can pick up objects such as rocks and send them flying at fast speeds. **DO NOT** wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts. Loose clothing or long hair can be caught in moving parts.

SAFETY INSTRUCTIONS cont.

PERSONAL SAFETY cont.

5. **USE SAFETY EQUIPMENT**. Always wear safety goggles or safety glasses with side shields or full face shield, proper work shoes with rubber non-slip soles, heavy-duty non-slip rubber gloves and dust mask or respirator and hearing protection. Hard hat should be used for appropriate conditions.
6. **DO NOT overreach**. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.

TOOL USE AND CARE SAFETY

⚠ WARNING: BE SURE to read and understand all instructions before operating this tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

1. **DO NOT use the tool if switch does not turn it "On" or "Off"**. Any tool that cannot be controlled with the switch is dangerous and must be repaired.
2. **DISCONNECT the battery before making any adjustments, changing cutting line, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.
3. **Avoid Unintentional Starting.** Do not insert battery with finger on switch. Be sure switch is off when inserting battery
4. **STORE idle tools out of the reach of children and other untrained persons. Children MUST NOT operate the tool.** Tools are dangerous in the hands of untrained users.
5. **Maintain Trimmer With Care**. Keep line cutter sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Inspect appliance cord periodically, and if damaged, have it repaired by an authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
6. **CHECK for misalignment or binding of moving parts, breakage of parts,** and any other condition that may affect the tool's operation. **If damaged,** have the tool serviced before using. Many accidents are caused by poorly maintained tools.
7. **USE ONLY cutting line that is recommended for this trimmer.** Cutting line that may be suitable for one trimmer may become hazardous when used on another trimmer.

ELECTRICAL SAFETY

⚠ WARNING: BE SURE to read and understand all instructions before operating this cordless trimmer. Failure to follow all instructions listed below may result in shock, fire and/or serious personal injury.

A battery operated tool with integral batteries or a separate battery pack must be recharged only with the specified charging stand for the battery pack. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.

1. Use battery operated tool only with specifically designated battery pack. Use of any other batteries may create a risk of fire.

2. Use battery pack only with charging stand listed.

MODEL	CHARGING STAND	BATTERY PACK
71-74324	CGT244LU-23 (WA3733)	CGT244LU-44 (WA3526) 71-28131

SAFETY INSTRUCTIONS cont.

ELECTRICAL SAFETY cont.

3. **Do not abuse the cord on the charger.** Never carry the charger by its power cord. Never pull the power cord to remove the charger from the power outlet. Damage to the cord or charger could occur and create an electric shock hazard. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.

The label on your tool may include the following symbols.

V.....Volts
A.....Amps
Hz.....Hertz
W.....Watts
min.....Minutes
~.....Alternating current
⎓.....Direct current
n_o.....No-load speed
⧈.....Class II construction, Double Insulated
RPM.....Revolutions per minute
SPM.....Strokes per minute
OPM.....Orbits per minute
⚠.....Indicates danger, warning or caution. It means attention! Your safety is involved.
.....Arrows show direction objects will be thrown by trimmer line rotation.
.....Indoor use only

SERVICE SAFETY

1. **If any part of this trimmer is missing or should break, bend, or fail in any way; or should any component fail to perform properly: SHUT OFF** the power switch and remove the trimmer plug from the power source and have the missing, damaged or failed parts replaced **BEFORE** resuming operation.
2. **Tool service must be performed only by a qualified service dealer.** Service or maintenance performed by unqualified personnel could result in a risk of injury.

SAFETY RULES FOR CORDLESS TRIMMERS

1. **KNOW your cordless trimmer. Read operator's manual carefully.** Learn the applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire or serious injury
2. **CAUTION: DO NOT** have the battery pack installed in the trimmer when not in use.
3. **DO NOT** use trimmer without adequate lighting. **ALWAYS** make sure that you can see what you are trimming and edging.
4. Use trimmer **ONLY** when grass and weeds are dry.
5. **ALWAYS** remove objects such as stones, sticks, and debris from the trimming/edging path that could become entangled in, or thrown by, the trimmer.
6. **ALWAYS** hold the trimmer by both the main rear handle **and** the auxiliary handle for greater control and balance. **NEVER** reach under the safety guard.
7. **USE RIGHT TRIMMER.** Do not use trimmer for any job except that for which it is intended.
8. **DO NOT** grasp or touch the exposed cutting line when picking up or holding the trimmer.

SAFETY INSTRUCTIONS cont.

SAFETY RULES FOR CORDLESS TRIMMERS cont.

9. **DO NOT FORCE the trimmer**. Do not try to cut more than what the trimmer is designed for. It will do a better job with less chance of injury when used at the rate for which it is designed.
10. **KEEP the handle** dry, clean and free of oil and grease. Use a clean cloth when cleaning. **DO NOT** use solvents, brake fluids, gasoline, or other petroleum products to clean the trimmer. They can damage plastic parts.
11. **NEVER**, for any reason, touch the cutting line or other moving parts during use.
12. When changing cutting line spool be careful of the line cutter on the guard. Cutter is sharp and can cause injury (see page 17, Fig. 5a)
13. **DO NOT** use this product without the guard being fitted.
14. **KEEP guard in place** and in good working order. Keep guard positioned between you and cutting line. Keep hands and feet away from cutting line.
15. **ALWAYS** store the trimmer indoors **with battery pack removed** when not in use. It should be stored in a dry place, high up or locked in a place that is out of the reach of children.
16. **Cordless tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition when the battery pack is installed. Be aware of possible hazards when not using your battery operated tool or when changing accessories.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
17. **Do not place battery tools or their batteries near fire or heat.** This will reduce the risk of explosion and possible injury.
18. **Do not crush, drop or damage battery pack. Never use a battery pack or charger that has been dropped or received a sharp blow.** A damaged battery pack is subject to explosion. Properly dispose of a dropped or damaged battery pack immediately.
19. **Exercise care in handling batteries** in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
20. **Do not open or mutilate the batteries.** Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if sallowed To reduce the risk of personal injury, never use any cordless product in the presence of open flame. If exposed, flush with water immediately.
21. **Do not charge battery in a damp or wet location**. Following this rule will reduce the risk of electric shock.
22. For best results, your battery should be charged in a location where the temperature is more than 50°F but less than 80°F. Do not store battery outside or in vehicles.
23. **Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.** Following this rule will reduce the risk of serious personal injury.
24. **ALWAYS** use only 0.065 inch (1.65 mm) spiral twisted cutting line with this trimmer. Use of any other cutting line may create a hazardous situation. Do not use heavier lines than recommended in this manual.
25. **ALWAYS** keep ventilation openings clear of debris.

SAFETY INSTRUCTIONS cont.

SAFETY RULES FOR CORDLESS TRIMMERS cont.

26. **BEFORE** using the trimmer, remove any stones, sticks, debris or objects that could be entangled in or thrown by the trimmer.
27. **NYLON CUTTING LINE** Keep face, hands and feet clear of rotating nylon line at all times.
28. **THE ROTATING LINE PERFORMS A CUTTING FUNCTION**. Use care when trimming around screens and flowers and other objects that you **DO NOT** want damaged or cut.
29. **KEEP ALL BYSTANDERS AWAY** at a safe distance from the work area, especially children.
30. **MAKE SURE** that other persons and pets are at least 100 feet away.

⚠ IMPORTANT WARNING:

When this tool is being used as a trimmer or edger, stones and other objects can be thrown out at high speed by the line. The tool and guard are designed to help reduce the danger. However, the following special precautions should be taken.

TO REDUCE THE RISK of rebound or ricochet injury, always work away from any solid objects such as walls, steps, large stones, landscape bricks, timbers, trees, etc. Use extreme care when working close to solid objects and when necessary edge or trim by hand.

⚠ WARNING: Some dust particles created by lawn and garden tools contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- **Compounds in fertilizers, herbicides, pesticides, and insecticides.**
- **Arsenic and chromium from chemically treated lumber.**

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

- **Work in a well-ventilated area**
- **Work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.**

⚠ WARNING: NEVER reach under the trimmer (cutting line area) until trimmer has completely stopped. The trimmer's cutting line will continue to rotate for a few seconds after it is switched off.

SAFETY RULES FOR BATTERY CHARGER

⚠ WARNING: READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below may result in electric shock, fire and / or serious personal injury.

NOTE: Before using battery charger, read all instructions and cautionary markings in this manual, on battery charger and, battery pack, and trimmer using battery pack, to prevent misuse of the products and possible injury or damage.

SAFETY INSTRUCTIONS cont.

SAFETY RULES FOR BATTERY CHARGER cont.

⚠ CAUTION: USE ONLY the specifically designated battery charger that was supplied with this trimmer when charging the battery pack. The use of any other battery charger could damage the battery pack, and create a hazardous condition.

⚠ CAUTION: To reduce the risk of electric shock or damage to the battery charger and battery pack, charge only the specifically designated battery pack that was included with this trimmer and charger. Charging other types of battery packs may cause them to burst, causing personal injury and damage.

1. **Do not use the battery charger outdoors or expose to wet or damp conditions**. Water entering charging stand will increase the risk of electric shock.
2. **Use of an attachment with this battery charger that is not recommended may result in a risk of fire, electric shock, or injury to persons.**
3. **Do not abuse the cord on the battery charger**. Never carry the charger by its power cord. Never pull the power cord to remove the charger from the power outlet. Damage to the cord or charger could occur and create an electric shock hazard. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
4. **Make sure cord is located so that it will not be stepped on, tripped over, come in contact with sharp edges or moving parts, heat, oil, or otherwise subjected to damage or stress**. This will reduce the risk of accidental falls, which could cause injury, and damage to the cord which could result in electric shock.
5. **Keep cord and charger away from heat to prevent damage to housing or internal parts.**
6. **Do not let gasoline, oils, petroleum-based products, etc. come in contact with plastic parts**. They contain chemicals which can damage, weaken or destroy plastic.
7. **An extension cord should not be used unless absolutely necessary**. Use of improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure: **a)** That pins on plug of extension cord are the same number, size and shape as those on the charger, **b)** That extension cord is properly wired and in good electrical condition, and **c)** That you use a proper extension cord. **ONLY** use cords listed by Underwriters Laboratories (UL). Other extension cords can cause a drop in line voltage, resulting in a loss of power and overheating of charging stand. An AWG (American Wire Gauge) size of at least 14-gauge is recommended for an extension cord of 25-ft. or less in length. Use 12-gauge for an extension cord of 50-ft. **Extension cords100-ft. or longer are not recommended**.
8. **INSPECT tool cords for damage. Do not operate charger with a damaged cord, which could cause shorting and electric shock**. Have damaged tool cords repaired at a qualified service dealer.
9. **Do not operate charger if it has received a sharp blow, been dropped, or other wise damaged in any way.** Take it to an qualified service dealer for electrical check to determine if the charger is in good working order.

SAFETY INSTRUCTIONS cont.

SAFETY RULES FOR BATTERY CHARGER cont.

10. **Do not disassemble charger. Take it to a qualified service dealer when service or repair is required.** Incorrect reassembly may result in a risk of electric shock or fire.
11. **Disconnect charger from the power supply when not in use.** This will reduce the risk of electric shock or damage if metal items should fall into the opening in the charger. It also will help prevent damage during a power surge.
12. **Risk of electric shock. Do not touch** un-insulated portion of output connector or un-insulated battery terminal.
13. **Save these instructions.** Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, also loan them these instructions to prevent misuse of the product and possible injury.

ADDITIONAL RULES FOR SAFE OPERATION

⚠ WARNING: BE SURE to read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire \ and / or serious personal injury.

1. **ALWAYS wear safety glasses or eye shields when using this tool.** Everyday eyeglasses have only impact-resistant lenses; they are **NOT** safety glasses.
2. **PROTECT your lungs**. Wear a face mask, dust mask or respirator if the operation is dusty.
3. **PROTECT your hearing**. Wear appropriate personal hearing protection during use. Under some conditions noise from this product may contribute to hearing loss.
4. **ALL VISITORS AND BYSTANDERS MUST** wear the same safety equipment that the operator of the tool wears.
5. **ALWAYS check the tool for damaged parts.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine if it will operate properly and perform its intended function. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. A guard or other part that is damaged should be properly repaired or replaced at a qualified service center.
6. **SAVE THESE INSTRUCTIONS. Refer to them frequently and use them to instruct others who may use this tool. If someone borrows this tool, make sure they have these instructions also.**

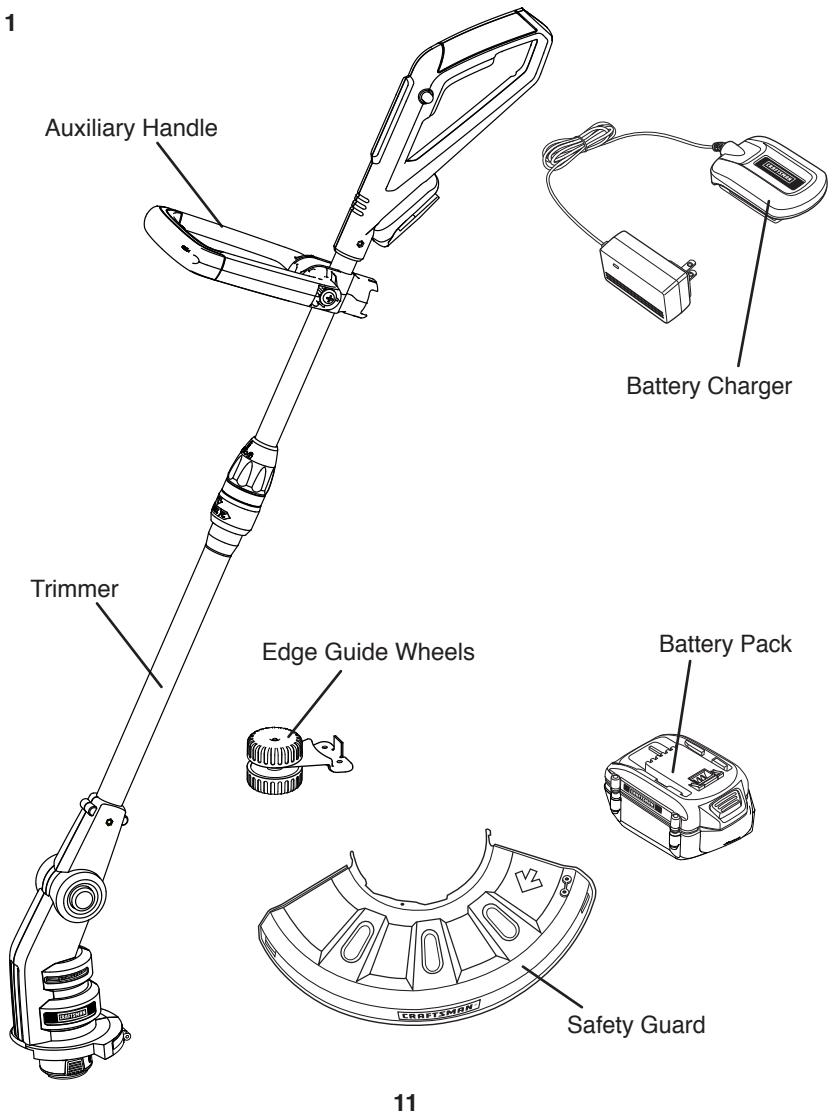
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

UNPACKING (Fig. 1)

1. The trimmer comes assembled except for the **guard**, **edge guide wheels,** which must be attached.
2. Remove the trimmer, safety guard, edge guide wheels, box containing the battery pack and charger from the carton and inspect your trimmer.
3. Do not discard box or packing material until all parts are examined.

⚠ WARNING: If any part of the trimmer is missing or damaged, do not install the battery pack into the trimmer until the damaged part is repaired or replaced.

Fig. 1



DESCRIPTION

KNOW YOUR CORDLESS TRIMMER (Fig. 2)

NOTE: Before attempting to use this product, familiarize yourself with all operating features and safety rules.

Safety, performance and dependability have been given top priority in the design of this product, making it easy to maintain and operate.

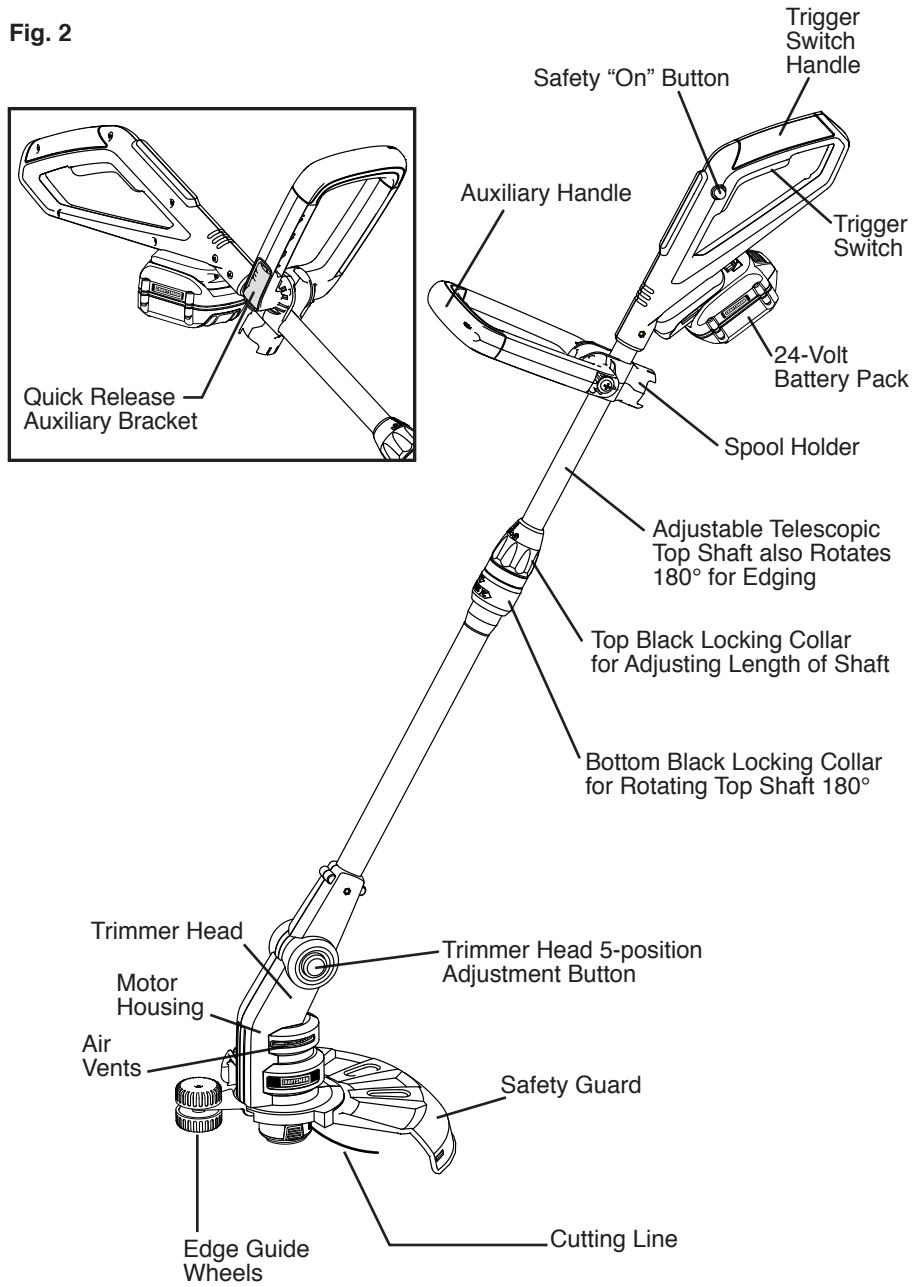
This Cordless Trimmer has the following features:

1. **13-inch Cutting Path**
2. **2 in 1: Trimmer and In-Line Edger with Two Wheels** The cutting face can be changed from horizontal to vertical. (i.e. For cutting edges). Pull Handle rotation locking mechanism and turn the top of the shaft 180° counter-clockwise. (The head will only move in one direction) The motor head will swivel through 180°- Release the collar and the shaft will lock-confirm secure before use!
3. **24 Volt Cordless / 7800 RPM (no-load speed)** for efficient trimming and edging.
4. **24.0 Volt, 2.0Ah Lithium Battery Pack (No. CGT244LU-44) 71-28131** recharges in 3 hours under normal use.
5. **Charger (No. CGT244LU-23) has 1 LED light.** Connect the battery charger to the power supply and the green light will illuminate. Slide the battery pack into the charger base to make the connections and the red light will illuminate to show charging has started. The red light will switch to green, which means the battery is full, and charging is completed. Then press the battery pack release button and remove your battery pack. Your battery pack is now ready for use.
6. **Ergonomically Designed Rear Handle** for maximum control and gripping comfort with reduced operator fatigue.
7. **Four finger Trigger Switch with Safety "On" Button**. Safety On button must be depressed to operate trigger switch.
8. **5-Position Trimmer Head** easily adjusts to the desired working angle for optimum operator control in all trimming and edging applications. From trimming around hard-to-reach flower beds and shrubs, to deck supports, fences and stairways, to edging sidewalks, driveways and landscaping.
9. **Edge Guide Wheels** provides a cutting guide for protecting flowers, plants, screens and fences from being cut by trimmer line.
10. **Adjustable Telescopic Shaft** allows adjustments from 17 to 28 inches from your ideal working height. Comfortably fits users that are 4 1/2 to 6 1/2 feet.
11. **Lightweight and Ergonomically Designed** for easy use, handling comfort and efficient trimming and edging.
12. **Automatic Line Feed** when line becomes worn, the hub will automatically feed and trim a new length of line.
13. **Quick Release Auxiliary Handle** for easy adjustment of auxiliary handle.
14. **Spoon Holder** on the auxiliary handle for convenient installment of 1pc spare spool. When the line is running out during trimming, you can replace the spool immediately.
15. **Your trimmer uses:** 0.065 inch diameter twisted line. Use Craftsman 71-85937 automatic feed replacement spool and line. It's factory wound for maximum reliability.

DESCRIPTION cont.

KNOW YOUR CORDLESS TRIMMER cont. (Fig. 2)

Fig. 2



DESCRIPTION cont.

SPECIFICATIONS	
Cutting Path	13 inches
Speed	7800 RPM
Rating	24.0 Volt
Line Diameter	0.065-inch twisted line
Line Feed Mechanism	Automatic
Power Head Tilt	5 positions
Adjust Height of Shaft	From 17 to 28 inches
Charger	120V, 60Hz AC
Charge Time in Normal Use	3 hours
Charger Number	CGT244LU-23
Battery Pack Number	CGT244LU-44 retail number 71-28131

ASSEMBLY & ADJUSTMENTS

CHARGING THE LITHIUM-ION BATTERY PACK (Fig. 3 and 3a)

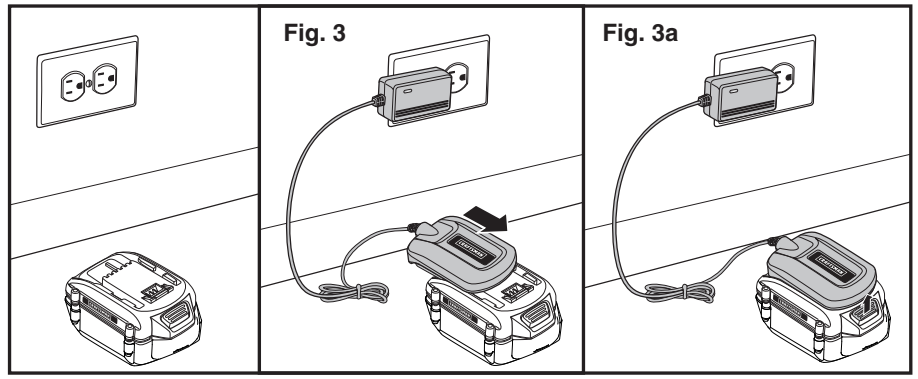
The battery pack for this tool has been shipped in a low charge condition to prevent possible problems.

NOTE: The battery pack will not reach full charge capacity on the first few charges. The break-in period requires 4 to 5 charging cycles, where the battery pack is completely discharged (no motor sound or tool motion) and then fully recharged. During the break-in period the battery pack needs to charge 3 or more hours continuously. The green LED light on the charger will come on in 3 hours, this is normal. Continue to leave the battery pack charging for a total of 3 hours or more. After the break-in period, a full recharge is indicated on the charger when the green LED light is lit.

1. Charge battery pack only with the charger that was supplied with this trimmer.
2. Make sure power supply to the charger is normal household voltage, 120 volts, 60 Hz, AC-only.
3. Connect the battery charger to the power supply and the green light will illuminate showing charger is operating.
4. Slide the battery pack into the charger base to make the connections and the red light will illuminate to show charging has started. The red light will stay lit until the battery is fully charged.

ASSEMBLY & ADJUSTMENTS cont.

CHARGING THE LITHIUM-ION BATTERY PACK cont. (Fig. 3 and 3a)



5. The red light will switch to green, which means the battery is full, and charging is completed. A discharged battery at normal room temperature will take approximately 3 hours to reach full charge. When charging is completed, unplug the charger and remove the batter pack.
6. After normal use, 3 hours charging time is required to fully recharge the battery pack. If battery pack has not been charged for two or more months or completely discharged, then it should be charged continuously for 3 or more hours.

NOTE: Within the warranty period, if the charger LED lights do not operate properly, or the charger does not charge the battery pack, return the charger and battery pack to your nearest Sears Store or other Craftsman outlet for free replacement.

7. The battery pack will become slightly warm to the touch while charging. This is normal and does not indicate a problem.
8. Do not place the charger in an area of extreme heat or cold. It will work best at normal room temperature.
9. When battery pack becomes fully charged, unplug battery charger from power supply and remove the battery pack.

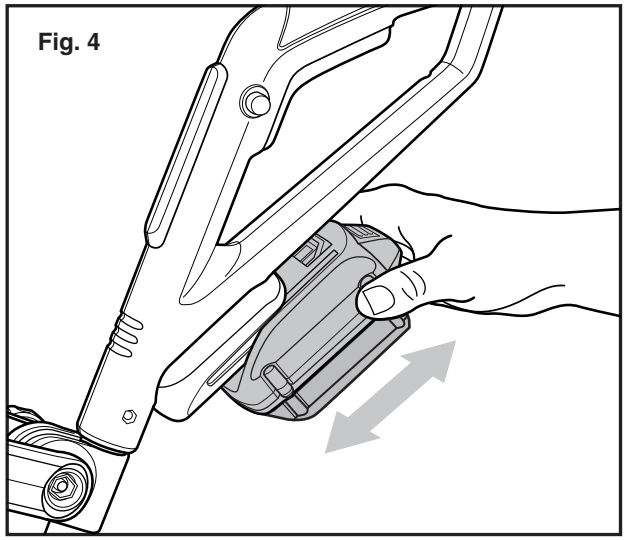
CHARGING A HOT BATTERY PACK

When using your tool continuously, the batteries in your battery pack will become hot. You should let a hot battery pack cool down for approximately 30 minutes before attempting to recharge.

NOTE: A hot battery pack only occurs when prolonged continuous use of your trimmer causes the batteries to become hot. It does not occur with typical use. Within the warranty period, if the battery pack becomes hot with typical use, return the charger and battery pack to your nearest Sears store or other Craftsman outlet for free replacement.

ASSEMBLY & ADJUSTMENTS cont.

INSTALLING THE LITHIUM-ION BATTERY PACK (Fig. 4)



Insert the battery pack into grass trimmer's battery port. A simple push and slight pressure will be sufficient.

⚠ CAUTION: When inserting batteries into this product, the proper polarity or direction must be observed. Reverse insertion of batteries can result in leakage or explosion. (Applies to product employing more than one separately replaceable primary battery.)

⚠ WARNING: This Cordless Trimmer is always in operating condition when the battery pack is installed. Therefore, the Safety On Button should always be in the released position locking the power off, when the tool is not in use or you are carrying it at your side. The trigger switch will not turn the trimmer ON until the Safety On Button is depressed.

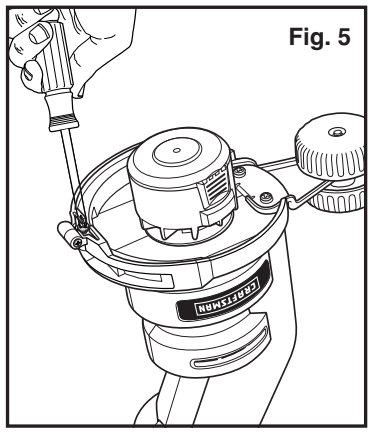
⚠ WARNING: To avoid injury, ALWAYS remove the battery from the trimmer BEFORE installing parts, cleaning the trimmer, making any adjustments or storing the trimmer

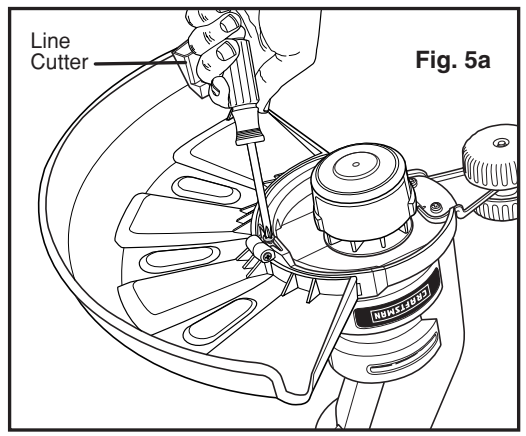
ASSEMBLY & ADJUSTMENTS cont.

INSTALLING THE SAFETY GUARD (Figs. 5 and 5a)

1. Remove the battery pack from the trimmer.
2. Turn the trimmer's motor housing head over to provide access to underside base of the head by the cutting line spool.
3. Locate the single screw in the base of the head and remove the screw.
4. Insert the edge of the safety guard into the slot along the back of the trimmer's head, carefullly lining the screw hole in the guard up with the screw hole in the trimmer head.
5. Insert screw and securely attach the safety guard (see Figs. 5 and 5a).

NOTE: Safety Guard will only fit one way.



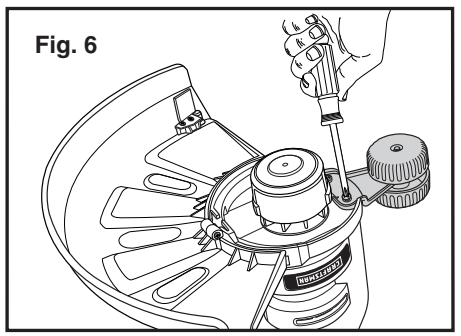


NOTE: THE SAFETY GUARD MUST BE ATTACHED to the trimmer head before use.

INSTALLING THE EDGE GUIDE WHEELS (Fig. 6)

Your trimmer comes with a set of Edge Guide Wheels that is handy for use as a cutting guide. It can be used to help keep the cutting line away from items you don't want cut, such as flowers, or damaged, such as fences or screens.

Each end of the wheel assembly guide is secured in its position on the motor housing with two screws, included, see Fig. 6. Check Edge Guide Wheels to make sure they are properly located and secure.



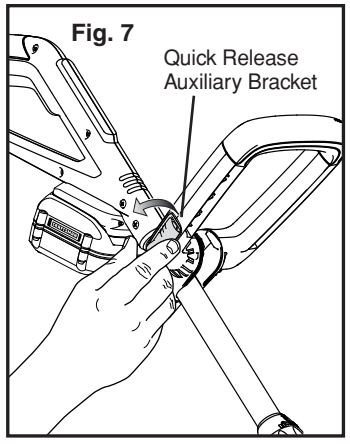
ASSEMBLY & ADJUSTMENTS cont.

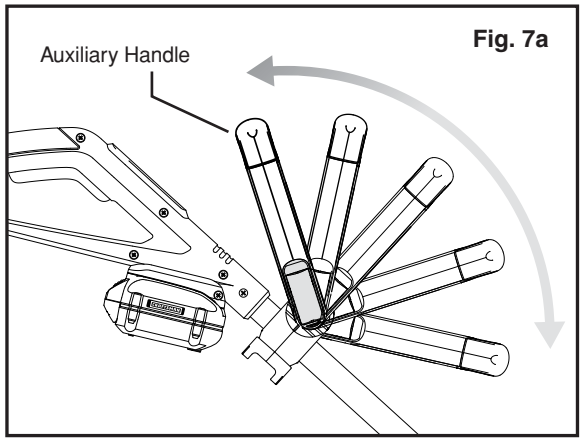
ADJUSTING THE AUXILIARY HANDLE (Fig. 7 and 7a)

NOTE: THE AUXILIARY HANDLE HAS BEEN ALREADY ATTACHED to the trimmer, but you need to adjust it to your desired position before use.

1. To release the auxiliary handle, unlock/open the Quick Release Auxiliary Bracket. (see Fig. 7)
2. The auxiliary bracket can be opened and closed, the auxiliary handle itself can be moved forward or backward into 5 different locked positions. (see Fig. 7a)
3. When the handle is in desired position, lock the Quick Release Auxiliary Bracket.

⚠ **WARNING: To avoid injury, adjust the auxiliary handle for maximum control and balance. DO NOT overreach when operating the trimmer. ALWAYS KEEP proper balance for better control of the tool in unexpected situations.**



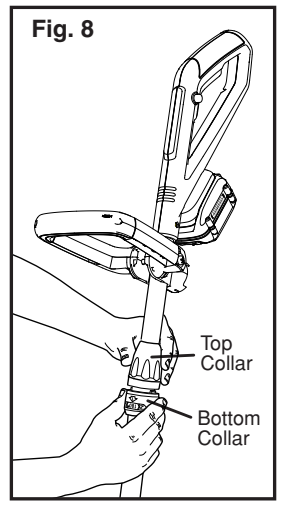


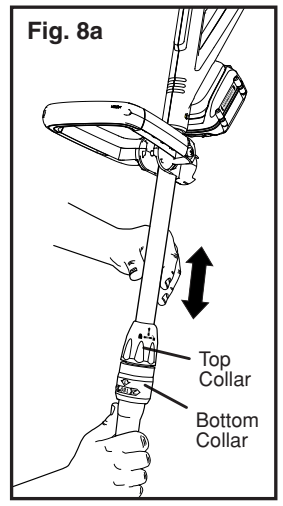
ASSEMBLY & ADJUSTMENTS cont.

ADJUSTING THE HEIGHT (Figs. 8 and 8a)

The Trimmer's Telescopic Shaft Comes in the Collapsed Position

1. To raise the telescopic shaft, twist top collar (counterclockwise) to unlock, and pull (extend) top of shaft up, to desired height.
2. Twist top collar (clockwise) to lock top shaft in place.
3. To lower or collapse the shaft simply reverse the above steps, 1 and 2.





ADJUSTING THE CUTTING ANGLE (Fig. 9)

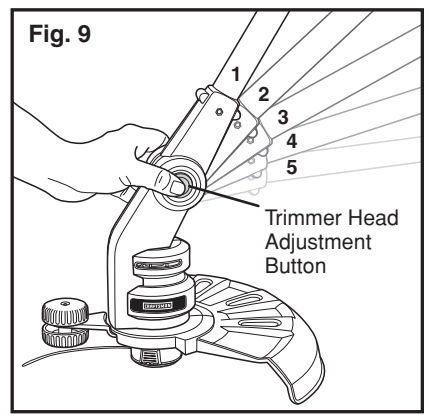
Your trimmer has a 5-position tilting head that easily adjusts to the desired working angle for optimum operator control and comfort. To adjust the trimmer head angle.

1. Remove the battery pack from the trimmer.

⚠ **WARNING: To avoid injury, ALWAYS remove the battery from the trimmer BEFORE installing parts or cleaning the trimmer or making any adjustments.**

2. Press the red trimmer head adjustment button on the motor housing (see Fig. 9).
3. Move the trimmer head to one of the five different angles and release the button. Head will click into position. Easily readjust the angle to a more efficient position as needed.

⚠ **WARNING: BEFORE connecting the battery pack to your trimmer, BE SURE you are not pressing in on the trigger switch. Failure to do so could result in accidental start-up, which may cause serious personal injury.**

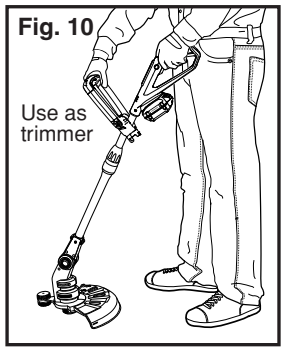


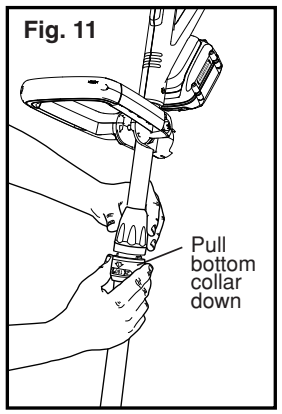
⚠ **WARNING: If any part of the trimmer is missing or damaged, do not install the battery pack until the damaged part is repaired or replaced.**

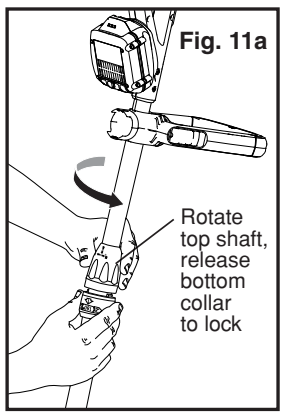
ASSEMBLY & ADJUSTMENTS cont.

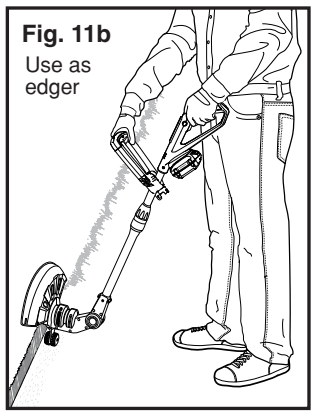
TO USE TRIMMER FOR EDGING: ROTATE REAR HANDLE AND UPPER SHAFT 180° (Figs. 10, 11, 11a and 11b)

1. Remove the battery pack from the trimmer.
2. Pull bottom collar down and rotate top shaft, rear handle (and auxiliary handle) 180°
3. Release bottom collar to lock shaft in place.





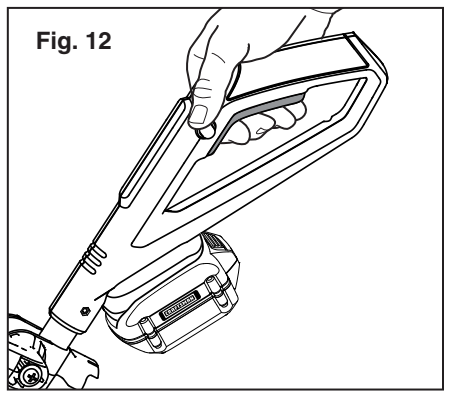




OPERATION

TURNING TRIMMER ON AND OFF (Fig. 12)

Your edger / trimmer has an extended length (4-finger) ON / OFF trigger switch and a safety ON button, both of which have to be depressed to turn the trimmer on. The trigger switch will not depress until the safety ON button is depressed.



Turning Trimmer ON

1. Install battery pack, and using your thumb, press in on the safety ON button.
2. While continuing to hold in the safety button, squeeze the trigger switch. Now the trimmer will come on.
3. Once the trimmer is on, you can release the safety button and the trimmer will remain on as long as you continue to squeeze the extended length trigger switch.

Turning Trimmer OFF

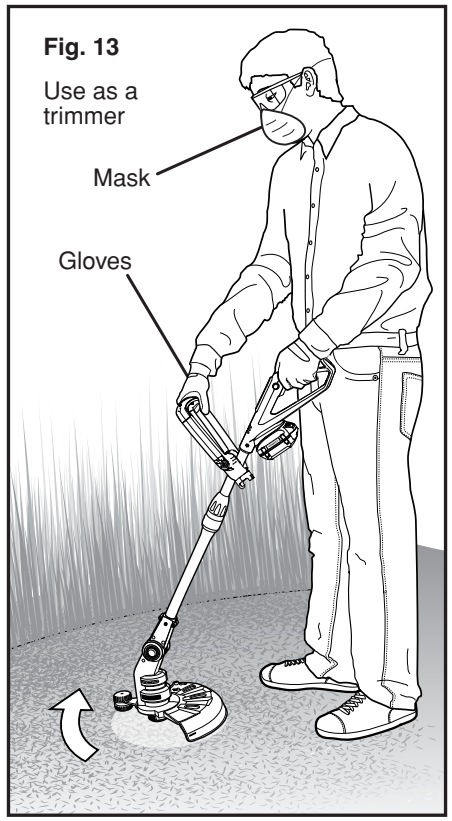
1. Release the trigger switch to turn trimmer OFF.
2. Allow at least 5 seconds for the cutting spool (line) to stop rotating.

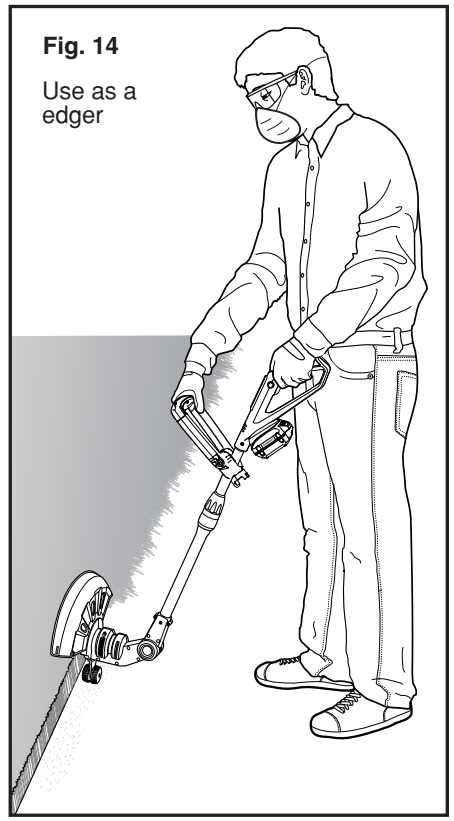
OPERATION cont.

TRIMMING AND EDGING (Figs. 13 and 14)

When trimming, cut from left to right for cutting efficiency; this throws the clippings away from the operator (Fig. 13).

To edge, rotate the shaft 180° (See Page 20, Figs. 11 and 11a). Place edge guide wheels and trimmer head above the surface you are going to edge, as shown in Fig. 14.





⚠ WARNING: To avoid injury, DO NOT carry the trimmer with your finger on the trigger switch.

NOTE: ALWAYS keep the air vents on the trimmer's head (motor housing) free of obstructions when operating the trimmer.

⚠ WARNING: The operation of any trimmer can result in FOREIGN OBJECTS BEING THROWN, which can result in personal injury or property damage. ALWAYS use proper safety equipment.

OPERATION cont.

AUTOMATIC LINE FEED SYSTEM (Fig. 15 and 16)

When turning the trimmer ON for the first time a small length of line will automatically be fed out of the spool. To extend the line out to the full 12-inch cutting path, it will be necessary to start the trimmer and completely stop the trimmer approximately 4 to 5 times. Each time during this operation the line will be extended approx. ¼ to ½-inch (See Fig. 15). Continue extending the line until it comes into contact with the line cutter on the guard (See Fig. 16). A “clattering” noise will be heard when the line hits the cutter. This is normal. The line will automatically cut.

During use, the tip of the nylon line will become frayed and worn. Cutting line will wear faster and require more feeding if the cutting, trimming and edging is done by abrasive surfaces such as concrete sidewalks, driveways or heavier weeds. To feed more line, stop the trimmer completely and restart it (4 to 5 times as explained above), until the line comes in contact with the line cutter on the guard.

DO NOT BUMP unit on ground in attempt to feed line or for any other purposes.

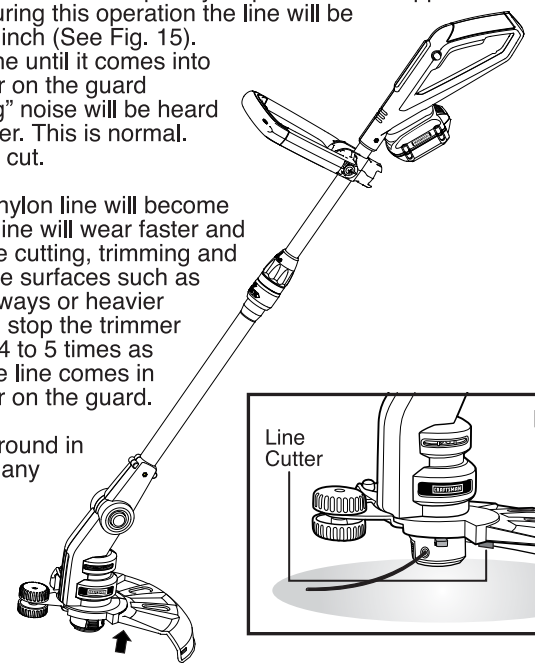


Fig. 15

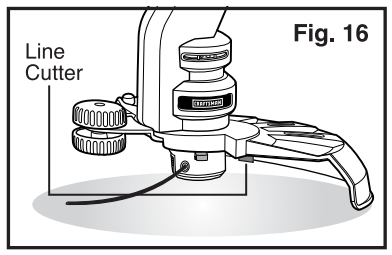


Fig. 16

TO MANUALLY FEED THE LINE (Fig. 17)

If required, line can be fed out manually. To manually feed line, press and release manual line feed button (See Fig. 17) and gently pull out the line until line reaches the line cutter. If the line extends past the line cutter, too much line has been fed out. If too much line has been fed out, remove spool cap (See Page 23, Fig. 18) and with one hand rotate the spool counterclockwise until it is stopped. Hold the spool in place, press the manual line feed button, rotate the spool, then release the button. The line should be shorter. Repeat these steps until the line is at the correct length, and even with the line cutter on the guard.

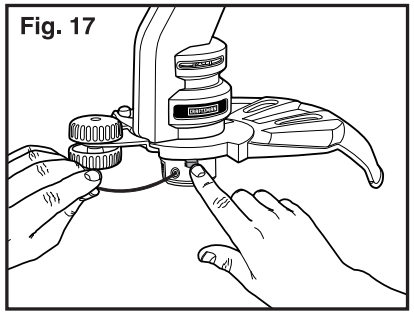


Fig. 17

⚠ **WARNING: To avoid injury, ALWAYS remove the battery from the trimmer BEFORE installing parts or cleaning the trimmer or making any adjustments.**

OPERATION cont.

TO REPLACE CUTTING LINE (Fig. 18)

REMOVE THE SPOOL

For easy spool replacement we recommend using Craftsman 71-85937 replacement spool equipped with 0.065 cutting line. It is factory wound for maximum reliability.

1. Remove the battery pack from the trimmer.
2. Press the release tabs on the spool head cover and remove cover, pulling it straight off of spool.
3. Lift the spool out of the spool housing.

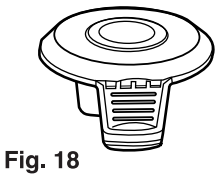
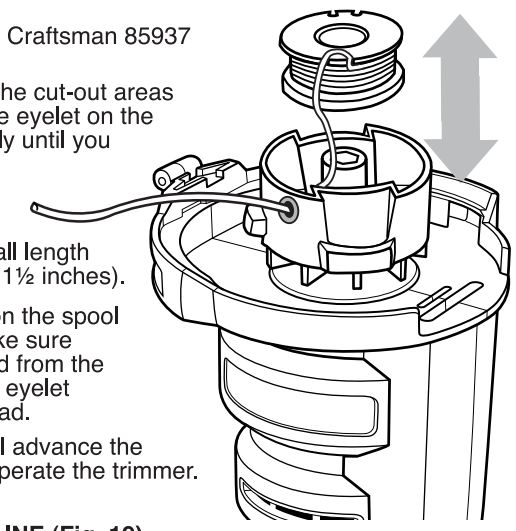


Fig. 18

REPLACE THE SPOOL

1. Replace the spool with with a new Craftsman 85937 factory pre-wound spool.
2. Place the replacement spool into the cut-out areas of the spool, to line up with the one eyelet on the spool housing. Press it down gently until you feel it snap into place in the spool housing.
3. Take the cutting line out of the rail notch on the spool and feed a small length through the eyelet (approximately 1½ inches).
4. Snap the spool head cover back on the spool housing and at the same time make sure that the 1 ½ inch of line is released from the spool rail notch and is through the eyelet and exposed outside the spool head.

The Automatic Line Feed System will advance the line to the correct length when you operate the trimmer.



FILLING SPOOL WITH CUTTING LINE (Fig. 19)

You may wind new cutting line onto the empty spool. Only use 0.065 inch (1.65 mm) twisted (helical or spiral) shaped, not round, line for auto feed. We recommend Craftsman Professional 0.065-in. replacement trimmer line, Extra Quiet spiral, in packs of 40 ft., item number 71-85760.

1. Remove the empty spool from the tool as described in “TO REPLACE CUTTING LINE”.
2. Remove any remaining cutting line from the spool.
3. Wind new line onto the spool; Feed 3/4 inch of cutting line into the anchoring slot. Wind the cutting line onto the spool in the direction of the arrow on the spool. Make sure to wind the line neatly and in layers. Do not crisscross (see Fig. 19).
4. When the wound cutting line reaches the recess, cut the line. Temporarily park the line in the holding slot on the side of the spool as shown in Fig. 19.
5. Fit the spool onto the tool as described in “REPLACE THE SPOOL”.

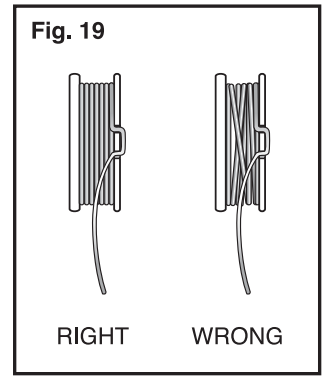


Fig. 19

OPERATION cont.

⚠ CAUTION: Before you begin trimming, only use the appropriate type of cutting line.

OPERATING TIPS

1. **Before each use** make sure the protective safety guard is tightly installed. Tighten the guard screw, but **DO NOT** over tighten.
2. Be sure to check the auxiliary handle before each use, to make sure it is firmly tightened.
3. **Before trimming**, inspect the area for string, wire, branches, rocks, toys, or other objects that could be entangled in or thrown by the cutting line.
4. Stand with the cutting head tipped down at an angle in front, guiding the trimmer in a semi-circular motion around you.
5. Cut from left to right whenever possible. Cutting to the right improves the unit's cutting efficiency. Clippings are thrown away from the operator.
6. To produce a smoothly trimmed area, move the trimmer in and out of the area being cut with constant speed and height.
7. Use only the tip of the cutting line to do the trimming, especially near walls and fences. Trimming with the side of the cutting line may overload the motor, wear out the line faster, and break the line more often.
8. **DO NOT** rest the trimmer spool on the ground while you are trimming. This will cause spool wear.
9. When cutting vegetation that is over 6 inches in height, work from top to bottom in small increments to avoid premature line wear or engine drag.
10. If the trimmer is not cutting correctly, the auto feed may not be operating correctly, or the spool may be empty. Remove the spool and identify the problem. See page 22, **AUTOMATIC LINE FEED SYSTEM** and page 23, **REPLACE CUTTING LINE and FILLING SPOOL WITH CUTTING LINE.**

MAINTENANCE

CLEANING

⚠ WARNING: To avoid injury, ALWAYS turn trimmer off and disconnect the battery from the trimmer BEFORE installing parts or cleaning the trimmer or making any adjustments.

⚠ WARNING: To avoid damage or electric shock, DO NOT use strong solvents or detergents on the plastic housing or plastic components. Certain household cleaners may damage plastic and may also cause a shock hazard.

Wipe the outside of the trimmer with a dry, soft cloth. **DO NOT hose down or wash the trimmer with water.** Scrape the guard and spool area to remove dried clippings and mud. Brush or blow dust, debris and grass clippings out of the air vents. Keep the vents free of obstruction.

ACCESSORIES

⚠ WARNING: The use of attachments or accessories that are not recommended for this tool might be dangerous and could result in serious injury. Do not attempt to use fishing line or other lines that are not recommended.

CUTTING LINE
Replace the cutting line ONLY with 0.065 inch (1.65 mm) twisted (helical or spiral) shaped, not round, line for auto feed. Craftsman Professional 0.065-in. replacement trimmer line, 71-85911, in packs of 240 ft., is recommended.

SPOOL
Replace the spool with a new pre-wound spool (Craftsman Automatic Feed Spool item number 71-85937). Line and spools are available at Sears Stores or other Craftsman outlets.

BATTERY PACKS
Replacement battery packs (71-28131) are available for purchase at Sears stores and other Craftsman outlets, Sears Service Centers, and through the craftsman.com web site.

⚠ WARNING: To avoid injury, ALWAYS remove the battery from the trimmer BEFORE installing parts or cleaning the trimmer or making any adjustments.

ACCESSORIES

BATTERY CARE

The battery pack for this tool is equipped with lithium-ion rechargeable batteries. Length of service from each charging will depend on the type of work you are doing.

The batteries in this tool have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. DO NOT disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, we suggest the following:

1. Remove the battery pack from the charger once it is fully charged and ready for use.

For battery storage longer than 30 days:

- Store the battery pack where the temperature is more than 40°F but less than 105°F.
- Store battery packs in a fully charged condition.
- Charge the battery every 2 months during storage.
- A battery pack will slowly loose its charge over time, it may need to be charged before use.

RECYCLE RBRC Li-ion 1.800.822.8837

CONTAINS LITHIUM-ION BATTERIES
MUST BE RECYCLED OR DISPOSED OF PROPERLY.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

To preserve natural resources, please recycle or dispose of batteries properly.

This product contains lithium-ion batteries. Local, state or federal laws may prohibit disposal of lithium-ion batteries in ordinary trash.

Consult your local waste authority for information regarding available recycling and / or disposal options.

⚠ **WARNING: Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. LITHIUM-ION batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and / or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and / or serious injury.**

NEED MORE HELP?

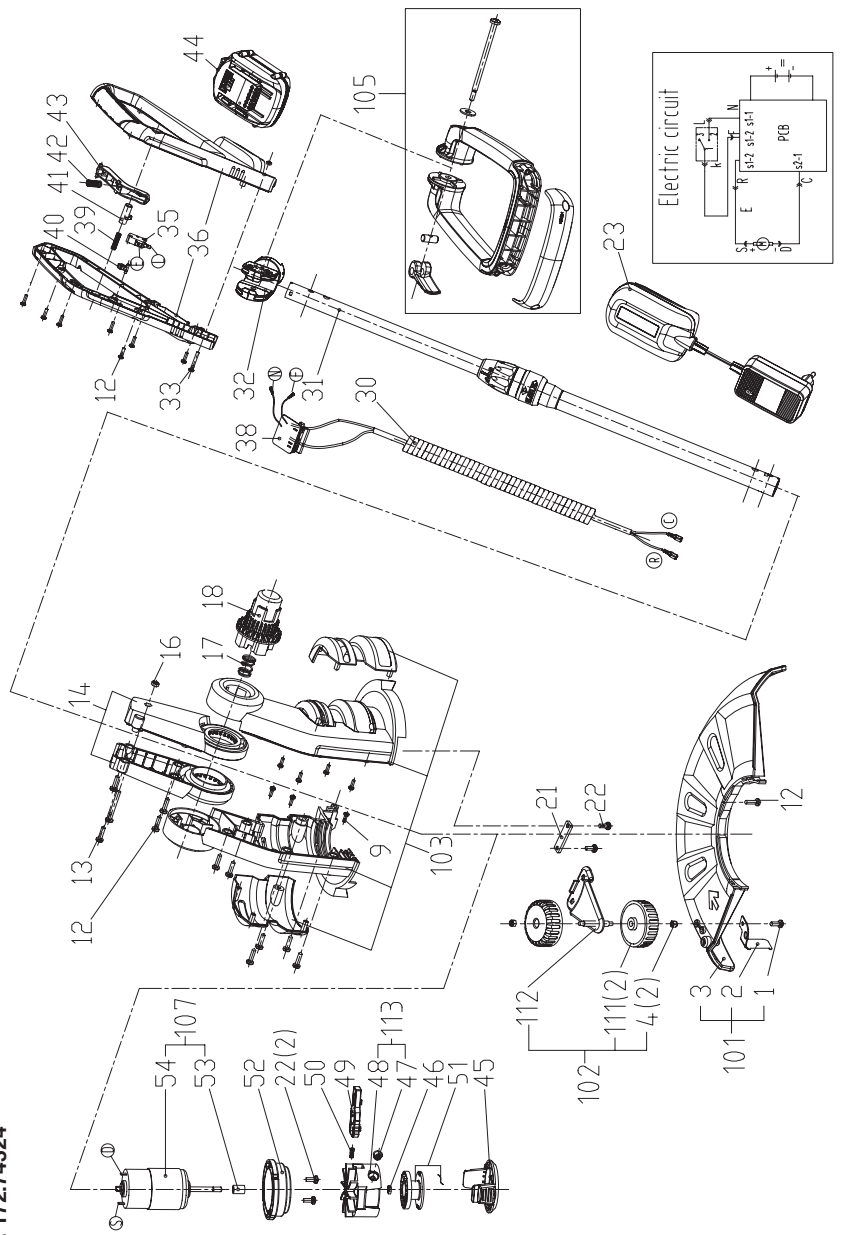
You'll find the answer and more on **managemyhome.com – for free!**

- Find this and all your other product manuals online.
- Get answers from our team of home experts.
- Get a personalized maintenance plan for your home.
- Find information and tools to help with home projects.

manage my home
brought to you by Sears

PARTS LIST

The model number will be found on the nameplate of the Trimmer.
Always mention the model number when requesting parts and service for your tool. To order parts, call 1-800-469-4663



24-Volt 13-in. Weedwacker® Cordless Trimmer

Model No. 172.74324

PARTS LIST

24-Volt 13-in.Weedwacker® Cordless Trimmer

Model No. 172.74324

The model number will be found on the nameplate of the Trimmer. Always mention the model number when requesting parts and service for your tool. To order parts, call 1-800-469-4663

Position No.	Parts No.	Part Description	Qty.
1	CGT244LU-1	Self Tapping Screw	1
2	CGT244LU-2	Cutting Blade	1
3	CGT244LU-3	Guard	1
4	CGT244LU-4	Nut	2
9	CGT244LU-9	Self Tapping Screw	7
12	CGT244LU-12	Self Tapping Screw	18
13	CGT244LU-13	Screw	1
14	CGT244LU-14	Swivel Cover	1
16	CGT244LU-16	Nut	2
17	CGT244LU-17	Compression Spring	1
18	CGT244LU-18	Lock Button	1
21	CGT244LU-21	Clamping Plate	1
22	CGT244LU-22	Screw Washer Assembly	4
23	CGT244LU-23	Charger	1
30	CGT244LU-30	Coiled Cable	1
31	CGT244LU-31	Telescope Tube	1
32	CGT244LU-32	Locking Ring	1
33	CGT244LU-33	Screw	1
35	CGT244LU-35	Switch	1
36	CGT244LU-36	Left/Right Handle	1
38	CGT244LU-38	Power Supply Board	1
39	CGT244LU-39	Compression Spring	1
40	CGT244LU-40	Linkage	1
41	CGT244LU-41	Button	1

Position No.	Parts No.	Part Description	Qty.
42	CGT244LU-42	Compression Spring	1
43	CGT244LU-43	Switch Button	1
44	CGT244LU-44 (71-28131)	Battery Pack(Li-ion)	1
45	CGT244LU-45	Cutting Head Cover	1
46	CGT244LU-46	Nut	1
47	CGT244LU-47	Rivet	1
48	CGT244LU-48	Cutting Head	1
49	CGT244LU-49	Line Feeder Assembly	1
50	CGT244LU-50	Compression Spring	1
51	CGT244LU-51	Spool & Line	1
52	CGT244LU-52	Fixing Block	1
53	CGT244LU-53	Connect Sheath	1
54	CGT244LU-54	Dc Motor	1
101	CGT244LU-101	Guard Assembly	1
102	CGT244LU-102	Roller Set	1
103	CGT244LU-103	Left /Right Housing Assembly	1
105	CGT244LU-105	Auxiliary Handle Assemby	1
107	CGT244LU-107	Motor Assembly	1
111	CGT244LU-111	Roller	2
112	CGT244LU-112	Bracket & Spindle	1

NOTES